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(54) **ROD SHAPED LIGHTING DEVICE AND ORIGINAL** COPYRIGHT: (C)1996,JPO
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(57) Abstract:

PURPOSE: To attain highly efficient lighting without providing a special reflecting face by using one side of a transparent rod with a specific shaped cross section provided with a light diffusion layer for a light emission face so as to arrange the space efficiently.

CONSTITUTION: A light source unit 2 is made up of a LED and a transparent rod 3 has a light diffusion layer on which white paint is printed. A white color 4 covers a side face of the rod 3. The cross section of the rod 3 is shaped to be pentagonal, which is formed by cutting one corner of a rectangle. A face formed by cutting one corner of a transparent rod prism is used for a light emission face 32. Furthermore, e.g. white paint is printed out on one part of one side among faces of the light diffusion layer opposite to the light emission face 32 in a prescribed pattern. When a light source unit is provided at both ends of the transparent rod, the pattern is to be such that the width at both ends of the transparent rod is narrow and the width in the middle of the transparent rod is wide.

